In the Claims

Claims 1 – 8   (Cancelled)

9.   (New) A method of accessing an interactive television service with a code and a mini-message comprising:

randomly generating a code C1 by an interactive television application implemented on an interactive television set;

sending a mini-message containing the code C1 to a processing server with a mobile telecommunications device;

calculating a code $C2 = F(C1)$ with the processing server;

resending the code C2 with the processing server and receiving the code C2 on the mobile telecommunications device;

entering the C2 code by the user in the interactive television application;

calculating the interactive application $C1' = F^{-1}(C2)$;

checking that $C1' = C1$; and

enabling the user to access the service,

wherein F is a predefined function, and F^{-1} is the inverse function of F.

10.   (New) The method according to claim 9, wherein the mini-message is in SMS format.

11.   (New) The method according to claim 9, wherein the mini-message is in MMS format.

12.   (New) The method according to claim 9, wherein the mini-message is in the form of an e-mail.

13.   (New) The method according to claim 9, wherein the mini-message is transmitted across a mobile telecommunications network.

14.   (New) The method according to claim 9, wherein the mini-message is transmitted across the internet and/or a local wireless network.

15.   (New) The method according to claim 9, wherein the service requires payment and the mini-message is surcharged.

16.   (New) The method according to claim 10, wherein the service requires payment and the mini-message is surcharged.

17.   (New) The method according to claim 11, wherein the service requires payment and the mini-message is surcharged.

18.   (New) A system for accessing an interactive television service comprising at least a mobile telecommunications device, an interactive television, a mobile telecommunications network or a local wireless network, a digital television broadcasting network and a processing server.

19.   (New) A system for accessing an interactive television service comprising at least a mobile telecommunications device, an interactive television, a mobile telecommunications network or a local wireless network, a digital television broadcasting network and a processing server, wherein the system randomly generates a code C1 by an interactive television application implemented on an interactive television set;

sends a mini-message containing the code C1 to a processing server with a mobile telecommunications device;

calculates a code $C2 = F(C1)$ with the processing server;

resends the code C2 with the processing server and receiving the code C2 on the mobile telecommunications device;

enters the C2 code by the user in the interactive television application;

calculates the interactive application $C1' = F^{-1}(C2)$;

8

checks that $C1' = C1$; and

enables the user to access the service,

wherein F is a predefined function, and F^{-1} is the inverse function of F.